

BYK-155

Version

Revision Date 01/14/2008

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : BYK-155
Product Use Description : Wetting and dispersing additive

Company : BYK USA Inc.
524 South Cherry Street
Wallingford CT 06492

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Emergency telephone : CHEMTREC 800-424-9300

SECTION 2. HAZARDS IDENTIFICATION**OSHA Regulatory Status**

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for other users of this product.

Potential Health Effects

Eyes : Contact may cause irritation.

Skin : Contact may cause irritation.

Ingestion : Ingestion may irritate the digestive tract.

Inhalation : High concentrations of vapors may be irritating to the respiratory tract.

Chronic Exposure : No known chronic health effects.

Aggravated Medical Condition : May be aggravating to some asthma-type conditions

Primary Routes of Entry : Skin contact
Skin absorption
Inhalation
Eyes
Ingestion

Carcinogenicity:

BYK-155

Version

Revision Date 01/14/2008

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No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Environmental Effects

Environmental Effects : No information available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**

Solution of a sodium salt of an acrylic acid copolymer

Hazardous components

No ingredients are hazardous according to HCS criteria.

SECTION 4. FIRST AID MEASURES**First aid procedures**

- Inhalation : Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.
- Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water.
- Eye contact : Immediately flush with plenty of water for at least 20 minutes. Get medical aid.
- Ingestion : Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid. Never give anything by mouth to an unconscious person.

Notes to physician

Risks : No information available.

BYK-155

Version

Revision Date 01/14/2008

Print Date 01/30/2008

SECTION 5. FIRE-FIGHTING MEASURES**Flammable properties**

- Flash point : not applicable
- Suitable extinguishing media : Foam
Carbon dioxide (CO₂)
Dry chemical
- Unsuitable extinguishing media : No information available.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
- Specific hazards during fire fighting : Water solution - will not support combustion.
Will not explode on mechanical impact.
- Hazardous decomposition products due to incomplete combustion : Carbon oxides
- Further information : None known.
The product is not flammable.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Eliminate all sources of ignition. Wear protective equipment: safety glasses, gloves and an appropriate respirator.
- Environmental precautions : Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
- Methods for containment : Stop leak. Dike and contain spill.
- Methods for cleaning up : Pump into salvage tanks and/or absorb with suitable material.
Use sparkless shovels to remove material.
- Additional advice : No further information is available.

SECTION 7. HANDLING AND STORAGE**Handling**

- Handling : Avoid contact with skin and eyes.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Handle as an industrial chemical.
Keep container tightly closed.
Keep away from oxidizing agents.

BYK-155

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Storage

Advice on common storage : Keep in a dry, cool and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

Contains no substances with occupational exposure limit values.

Engineering measures

Engineering measures : Use with local exhaust ventilation.

Personal protective equipment

Eye protection : Safety Glasses

Hand protection : Protective gloves

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : If using in a poorly ventilated area, wear a properly fitted respirator (NIOSH approved) during exposure.

Hygiene measures : Clean long legged, long sleeved work clothes.
Handle in accordance with good industrial hygiene and safety practice.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Odor Threshold : no data available

Flash point : Method:
not applicable

Ignition temperature : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

pH : no data available

Freezing Point : no data available

Boiling Point : no data available

Vapour pressure : 24.0000000 hPa
at 20 °C (68.00 °F)
Method: calculated

Evaporation rate : no data available

BYK-155

Version

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Density	:	1.1800 g/cm ³ Method: DIN EN ISO 2811-3
Bulk density	:	not applicable
Water solubility	:	completely miscible
Partition coefficient: n-octanol/water	:	no data available
Viscosity, kinematic	:	at 20 °C (68.00 °F) no data available at 40 °C (104.00 °F) no data available
Relative vapour density	:	no data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	:	None known.
Materials to avoid	:	Strong oxidizing agents
Hazardous decomposition products	:	None expected
Chemical stability	:	Stable; polymerization will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (Product)	:	no data available
Skin irritation (Product)	:	no data available
Eye irritation (Product)	:	no data available
Sensitisation (Product)	:	no data available

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information (Product)	:	no data available
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SECTION 13. DISPOSAL CONSIDERATIONS

Further information	:	Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.
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BYK-155

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SECTION 14. TRANSPORT INFORMATION**DOT** Not dangerous goods**IATA** Not dangerous goods**IMDG_US** Not dangerous goods**SECTION 15. REGULATORY INFORMATION****HMIS Classification** : Health Hazard: 1
Flammability: 0
Reactivity: 0
PPI:B**National Fire Protection Association (NFPA) Class** : IIIB**Emergency Planning Community Right-To-Know (EPCRA)****SARA 302 Components** : Not applicable

If listed below, this product contains toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

SARA 311/312 Hazards : No SARA Hazards**Toxic Substances Control Act (TSCA)****TSCA Status** : We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements (exempt)

Section 4 / 12(b) : Not applicable

Clean Air Act & Related Information**Non-volatile (Wt)** : 48 - 52 %
Method: ISO 3251, 90 min. @ 130° C**Ozone Depleting Substances** : Not applicable.

BYK-155

Version

Revision Date 01/14/2008

Print Date 01/30/2008

Non-volatile information is not a specification.

Hazardous Air Pollutants

If not listed above, this product does not contain HAPs at 1% or 0.1% or greater. Refer to Section 3 for HAP weight percentage.

Resource Conservation and Recovery Act**State Laws**

Massachusetts Right To Know Components : No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components : Water 7732-18-5
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New Jersey Right To Know Components : Water 7732-18-5
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New Jersey Trade Secret Registry Number for the product (NJ TSRN) : 800963-5535

Canadian Environmental Protection Act

Domestic Substances List

DSL Status : We certify that all of the components of this product are listed on the DSL.

WHMIS Classification : Not controlled

SECTION 16. OTHER INFORMATION**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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